

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending March 2020
Includes CoCoRaHS Data

RI 1 month March 2020	Rainfall	Departure	Percent	Normal
Northwest	4.45	-1.00	82	5.45
Northeast	4.85	-0.17	97	5.02
Central West	5.32	0.16	103	5.16
Central East	4.68	-0.33	93	5.01
Eastern	4.38	-1.30	77	5.68
Southern	5.16	-0.38	93	5.54
New Shoreham	4.61	-0.93	83	5.54

RI 2 month Feb-Mar 20	Rainfall	Departure	Percent	Normal
Northwest	7.89	-1.52	84	9.41
Northeast	8.08	-0.49	94	8.57
Central West	8.39	-0.37	96	8.76
Central East	7.79	-0.51	94	8.30
Eastern	7.86	-1.59	83	9.45
Southern	8.65	-0.58	94	9.23
New Shoreham	9.11	-0.12	99	9.23

RI 3 month Jan-Mar 20	Rainfall	Departure	Percent	Normal
Northwest	9.84	-3.86	72	13.69
Northeast	9.93	-2.71	79	12.64
Central West	10.23	-2.61	80	12.83
Central East	9.13	-3.03	75	12.16
Eastern	9.54	-3.76	72	13.30
Southern	10.26	-3.08	77	13.34
New Shoreham	10.48	-2.86	79	13.34

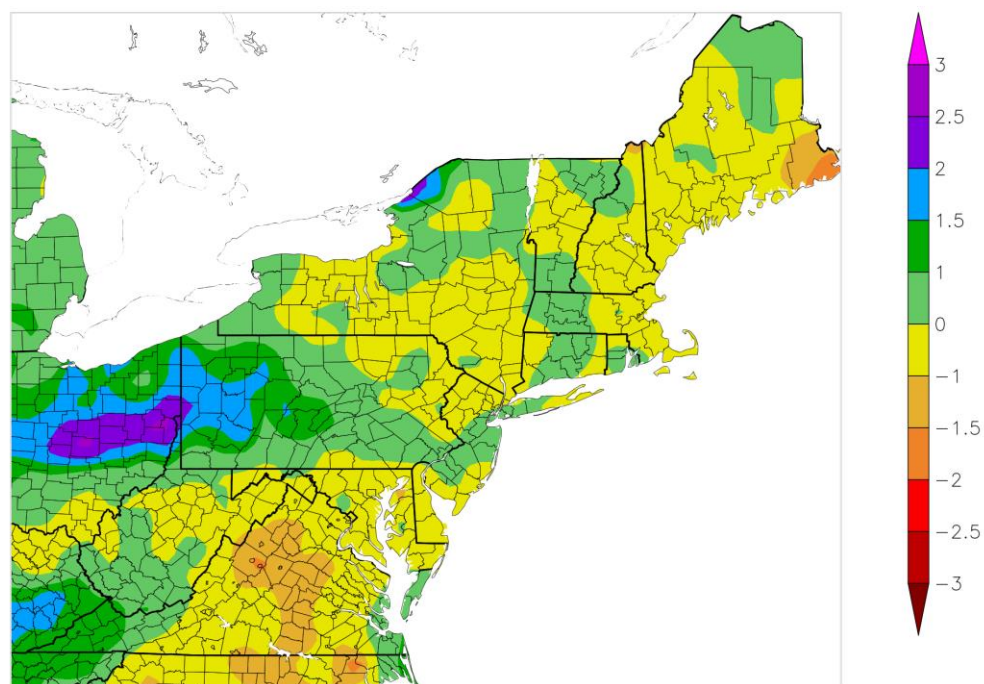
RI 6 month Oct 19-Mar 20	Rainfall	Departure	Percent	Normal
Northwest	27.53	-0.74	97	28.26
Northeast	26.02	-0.80	97	26.82
Central West	29.99	3.35	113	26.63
Central East	26.38	1.56	106	24.82
Eastern	27.10	1.22	105	25.88
Southern	29.58	2.22	108	27.36
New Shoreham	26.73	-0.63	98	27.36

RI 12 month Apr 19-Mar 20	Rainfall	Departure	Percent	Normal
Northwest	58.10	3.89	107	54.21
Northeast	52.95	1.21	102	51.74
Central West	57.80	7.03	114	50.77
Central East	51.27	3.78	108	47.49
Eastern	51.96	2.41	105	49.55
Southern	59.99	6.42	112	53.57
New Shoreham	51.03	-2.54	95	53.57

RI 24 month Apr 18-Mar 20	Rainfall	Departure	Percent	Normal
Northwest	123.69	15.78	115	107.91
Northeast	116.65	13.49	113	103.16
Central West	123.46	21.92	122	101.54
Central East	114.00	19.33	120	94.67
Eastern	105.73	7.64	108	98.09
Southern	118.07	11.63	111	106.44
New Shoreham	103.95	-2.49	98	106.44

RI 36 month Apr 17-Mar 20	Rainfall	Departure	Percent	Normal
Northwest	182.29	20.68	113	161.61
Northeast	172.42	17.84	112	154.58
Central West	182.65	30.34	120	152.31
Central East	170.29	28.44	120	141.85
Eastern	158.93	12.30	108	146.63
Southern	176.04	16.73	111	159.31
New Shoreham	157.64	-1.67	99	159.31

Monthly SPI 3/1/2020 – 3/31/2020

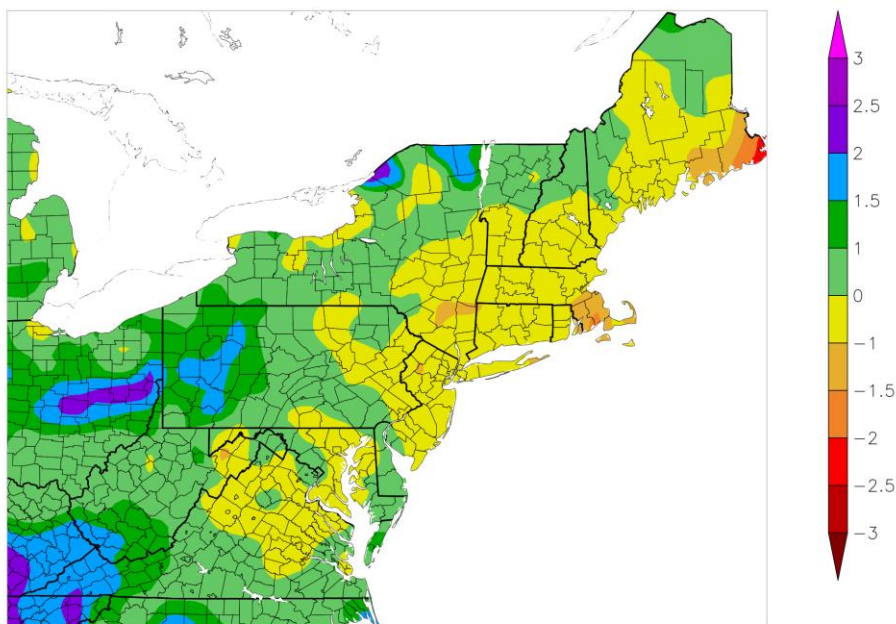


Generated 4/2/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for March 2020.

3-Month SPI 1/1/2020 – 3/31/2020

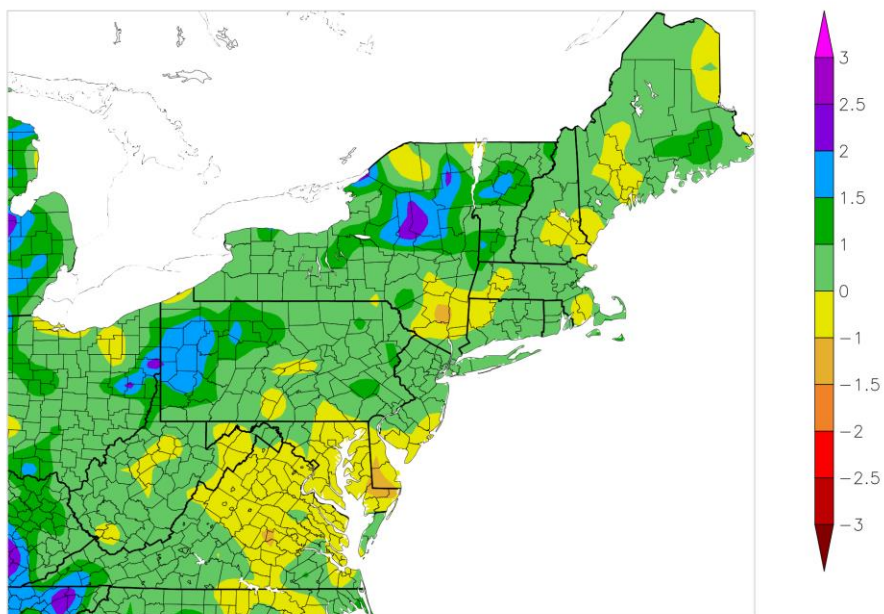


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NOAA Regional Climate Centers

Map 2. Three-Month SPI ending March 2020.

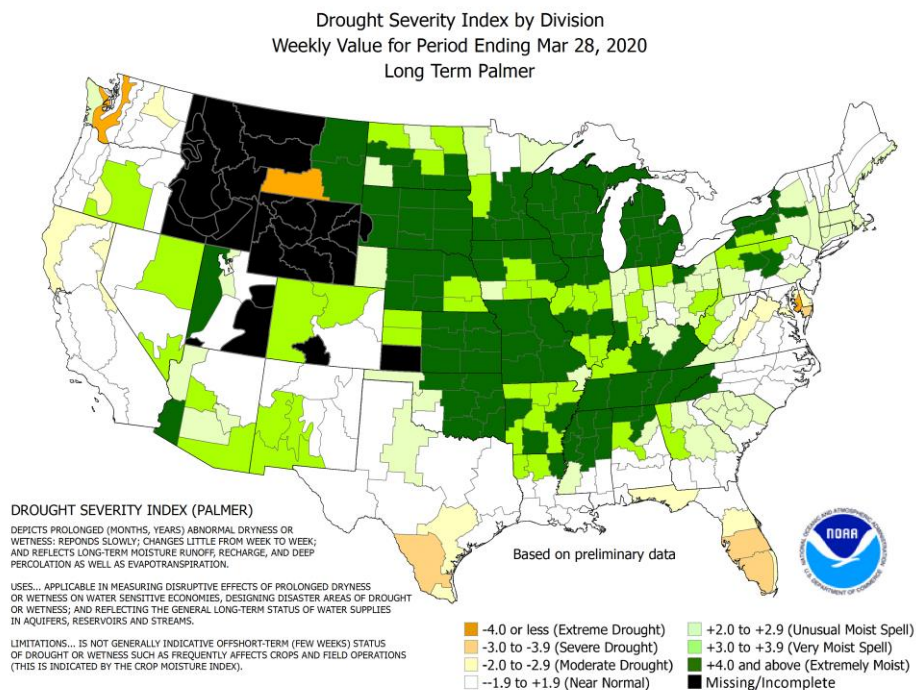
12-Month SPI 4/1/2019 – 3/31/2020



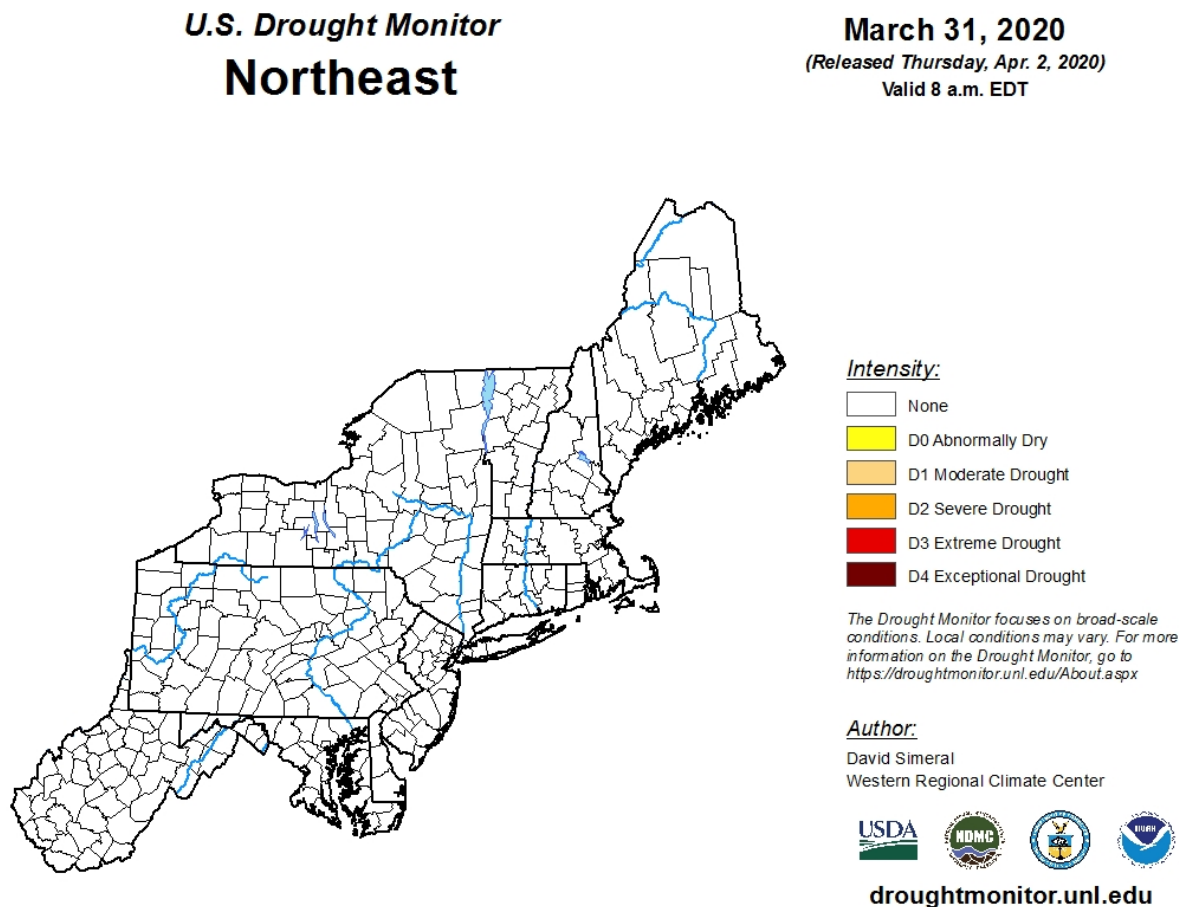
Generated 4/2/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 3. Twelve month SPI ending March 2020.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 3/28/20.
RI Palmer is in the Unusual Moist Spell range, +2.17.









Map 5. US Drought Monitor for the Northeast U.S. valid 3/31/2020.

U.S. Drought Monitor
Rhode Island

March 31, 2020
(Released Thursday, Apr. 2, 2020)
Valid 8 a.m. EDT



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

Map 6. US Drought Monitor for Rhode Island, valid 3/31/2020.